

# CONSISTENCY MEETING

Date: 1/8/2014

## DEPARTMENTAL GOALS:

- 85 - 90 % 1 DAY TURN AROUND
- 80 - 85 % CONTRACTOR PASS RATE
- **QUALITY INSPECTIONS!**
- **EXCELLENT CUSTOMER SERVICE!**

## SAFETY ISSUES:

REMEMBER COUNTY CELL PHONE POLICY, USE ALL APPROVED SAFETY EQUIPMENT ISSUED TO YOU. (i.e. HARDHAT, SAFETY GLASSES, SAFETY SHOES, PPE)

**Q: WHY ARE WE HERE? A: TO SERVE THE CUSTOMER**

## Consistency Questions

1. Is it permissible to install a keyless fixture on the ceiling of a covered porch? (Gerald Barnes)

No, unless the keyless is listed for a damp location.

**Location, Damp.** Locations protected from weather and not subject to saturation with water or other liquids but subject to moderate degrees of moisture. Examples of such locations include partially protected locations under canopies, marquees, roofed open porches, and like locations, and interior locations subject to moderate degrees of moisture, such as some basements, some barns, and some cold storage warehouses.

2. Can I mount a meter box on a 16 x 80 mobile home? What if it was a 32 x 80 double wide? (Matt King)

See 550 definitions and 550.32. If the mobile home or double wide is supported on a permanent foundation then the service can be mounted on it.

3. I have a multi-tenant building with two service troughs located fifty feet apart on the exterior of the building. Each tenant has a meter and a main disconnect with OCP located at one of the two service troughs and feeds a MLO panel in each tenant space. The Landlord wants to remove a demising wall making two spaces into one. The existing interior panels will be 50 feet apart but now located within the same space. One of the panels is fed from service trough #1 and the other is fed from service trough #2. Will this meet NEC without grouping the mains since they are at two different locations? (John West)

No, this is a violation of 230.72. Mains to the same space must be grouped at the same trough.

4. I was recently turned down for not having a receptacle on 2 walls of a large foyer. One of the 7' walls has a receptacle. Why would the other walls need a receptacle? (David Rains)

2011 NC Electrical Code

210.52 Dwelling Unit Receptacle Outlets. (110822 Item B-6)

**(I) Foyers.** Foyers that are not part of a hallway in accordance with 210.52(H) and that have an area that is greater than 5.6m<sup>2</sup> (60 ft<sup>2</sup>) shall have at least one receptacle ~~located in each wall space 900 mm (3 ft) or more in width in a straight dimension and unbroken by corners, doorways, floor-to-ceiling windows and similar openings.~~

The delayed effective date of this Rule is January 1, 2015.

The Statutory authority for Rule-making is G. S. 143-136; 143-138.

5. How do we now apply 406.4(D) 4? (Craig Sloop)

6. I have a client who has purchased a building for renovation. They want the building reverted to a shell/core condition. What is required for approval in plans and inspections? (Gary Mullis)

<http://charmeck.org/mecklenburg/county/CodeEnforcement/Inspections/Documents/Dividing%20tenant%20spaces%20SOP%2012-14-10.pdf>

7. I have J-boxes above a lay in ceiling. I only have one voltage coming in to this suite, which is 120/208 3 phase. Do I have to mark all my boxes that are above the ceiling with the circuit, panel, and colors feeding these circuits? Example, (panel A, circuits 4, 6, 8, 120 volt, black, red, blue) (Chris Dellinger)

#### **210.5 Identification for Branch Circuits.**

**(A) Grounded Conductor.** The grounded conductor of a branch circuit shall be identified in accordance with 200.6.

**(B) Equipment Grounding Conductor.** The equipment grounding conductor shall be identified in accordance with 250.119.

**(C) Identification of Ungrounded Conductors.** Ungrounded conductors shall be identified in accordance with 210.5(C)(1), (2), and (3).

**(1) Application.** Where the premises wiring system has branch circuits supplied from more than one nominal voltage system, each ungrounded conductor of a branch circuit shall be identified by phase or line and system at all termination, connection, and splice points.

**(2) Means of Identification.** The means of identification shall be permitted to be by separate color coding, marking tape, tagging, or other approved means.

**(3) Posting of Identification Means.** The method utilized for conductors originating within each branch-circuit panelboard or similar branch-circuit distribution equipment shall be documented in a manner that is readily available or shall be permanently posted at each branch-circuit panelboard or similar branch-circuit distribution equipment.

#### **NEXT MEETING:**

Contractors - Wednesday March 12, 2014

Inspectors - Wednesday February 12, 2013